



04-26-07

EXPRESS MAIL NO. EV934844915US

IAP12 Rec'd PCT/PTO 24 APR 2007

**TRANSMITTAL  
FORM***(To be used for all correspondence  
after initial filing)*

Application Number	10/519,694
Filing Date	October 13, 2005
First Named Inventor	Thomas Gschwind
Art Unit	3747
Examiner Name	Marguerite J. McMahon
Attorney Docket No.	240102.402USPC

**ENCLOSURES (check all that apply)**

- |   |  |   |
|---|--|---|
| <input checked="" type="checkbox"/> Fee Transmittal Form                        | <input type="checkbox"/> Drawing(s)  | <input type="checkbox"/> After Allowance<br>Communication to TC   |
| <input checked="" type="checkbox"/> Fee Attached                                | <input type="checkbox"/> Request for Corrected Filing<br>Receipt                               | <input type="checkbox"/> Appeal Communication to<br>Board of Appeals and<br>Interferences               |
| <input checked="" type="checkbox"/> Amendment/Response                          | <input type="checkbox"/> Licensing-related Papers  | <input type="checkbox"/> Appeal Communication to<br>TC ( <i>Appeal Notice, Brief,<br/>Reply Brief</i> ) |
| <input type="checkbox"/> After Final  | <input type="checkbox"/> Petition  | <input type="checkbox"/> Proprietary Information  |
| <input type="checkbox"/> Affidavits/declaration(s)                              | <input type="checkbox"/> Petition to Convert to a<br>Provisional Application                   | <input type="checkbox"/> Status Letter  |
| <input type="checkbox"/> Extension of Time Request                              | <input type="checkbox"/> Power of Attorney,<br>Revocation, Change of<br>Correspondence Address | <input checked="" type="checkbox"/> Return Receipt Postcard   |
| <input type="checkbox"/> Express Abandonment<br>Request                         | <input type="checkbox"/> Declaration   | <input type="checkbox"/> Other Enclosure(s) ( <i>please<br/>identify below</i> ):                       |
| <input type="checkbox"/> Information Disclosure<br>Statement and Transmittal    | <input type="checkbox"/> Statement under 37 CFR<br>3.73(b)                                     |   |
| <input type="checkbox"/> Cited References                                       | <input type="checkbox"/> Terminal Disclaimer   |   |
| <input type="checkbox"/> Certified Copy of Priority<br>Document(s)              | <input type="checkbox"/> Request for Refund  |   |
| <input type="checkbox"/> Response to Missing Parts<br>under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> CD, Number<br>of CD(s)  |   |
| <input type="checkbox"/> Response to Missing<br>Parts/Incomplete Application    | <input type="checkbox"/> Landscape Table on CD   |   |

Remarks**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm Name	Seed Intellectual Property Law Group PLLC	Customer Number	00500
Signature			
Printed Name	Lorraine Linford		
Date	April 24, 2007	Reg. No.	35,939

**CERTIFICATE OF TRANSMISSION/MAILING**

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Signature		
Typed or printed name		Date:

SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.  
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Replies pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

# FEE TRANSMITTAL For FY 2007

## Complete if Known

Application Number	10/519,694
Filing Date	October 13, 2005
First Named Inventor	Thomas Gschwind
Examiner Name	Marguerite J. McMahon
Art Unit	3747
Attorney Docket No.	240102.402USPC

☒ Applicant claims small entity status. See 37 CFR 1.27

**TOTAL AMOUNT OF PAYMENT (\$)** 400

### METHOD OF PAYMENT (check all that apply)

- ☒ Check ☐ Credit Card ☐ Money Order ☐ Other (please identify): \_\_\_\_\_
- ☒ Deposit Account Deposit Account Number: 19-1090 Deposit Account Name: Seed IP Law Group PLLC
- For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)
- ☐ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, **except for the filing fee**
- ☐ Charge any additional fee(s) or underpayments ☒ Charge any underpayments or credit any overpayments of fee(s) under 37 CFR 1.16 and 1.17

**Warning:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

### FEE CALCULATION

#### 1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	<u>Small Entity</u>	Fee (\$)	<u>Small Entity</u>	Fee (\$)	<u>Small Entity</u>	
Utility	300	150	500	250	200	100	_____
Design	200	100	100	50	130	65	_____
Provisional	200	100	0	0	0	0	_____

#### 2. EXCESS CLAIM FEES

Fee Description	Fee (\$)	<u>Small Entity</u>
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	200	100
Multiple dependent claims	360	180

<u>Total Claims</u>	<u>Extra Claims</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>	<u>Multiple Dependent Claims</u>
<u>52</u>	-20 or HP = <u>4</u>	X <u>50</u>	= <u>200</u>	<u>Fee (\$)</u> <u>Fee Paid (\$)</u>

HP = highest number of total claims paid for, if greater than 20.

<u>Indep. Claims</u>	<u>Extra Claims</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>
<u>7</u>	-3 or HP = <u>1</u>	X <u>200</u>	= <u>200</u>

HP = highest number of independent claims paid for, if greater than 3.

#### 3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

<u>Total Sheets</u>	<u>Extra Sheets</u>	<u>Number of each additional 50 or fraction thereof</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>
_____ -100 = _____	/50 = _____	(round up to a whole number) x _____	_____	_____

#### 4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): \_\_\_\_\_

#### SUBMITTED BY

Signature		Registration No. (Attorney/Agent)	35,939	Telephone	206-622-4900
Name (Print/Type)	Lorraine Linford	Date	April 24, 2007		

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01 FC:1615 200.00 OP

02 FC:1614 200.00 OP



EXPRESS MAIL NO. EV934844915US

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Thomas Gschwind et al.  
Application No. : 10/519,694  
Filed : October 13, 2005  
For : HEATING DEVICE FOR A FLUID LINE AND METHOD OF  
MANUFACTURE (As Amended)

Examiner : Marguerite J. McMahon  
Art Unit : 3747  
Docket No. : 240102.402USPC  
Date : April 24, 2007

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

AMENDMENT

Commissioner for Patents:

In response to the Office Action dated January 25, 2007, please amend the application as follows:

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks** begin on page 10 of this paper.